L Number	Hits	Search Text	DB	Time stamp
4	12	((ofdm\$2 AND (ofdm\$2 discrete or	USPAT;	2003/09/06 12:10
		orthogonal) SAME (uplink or downlink))	US-PGPUB;	
		AND (tdma ot tdm ot time\$1slot or time adj	EPO; JPO;	1
-		slot)) and @ad <= "19981125"	DERWENT USPAT;	2003/09/06 11:54
5	63	ofdm\$2 AND (ofdm\$2 OR discrete or orthogonal) AND (uplink or downlink) and	US-PGPUB;	2003/03/00 11:34
		@ad <= "19981125"	EPO; JPO;	
		ead (= 13301123	DERWENT	
6	28	(ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:36
		orthogonal) AND (uplink or downlink) and	US-PGPUB;	
		@ad <= "19981125") and ofdm\$2 AND	EPO; JPO;	
	ļ	(ofdm\$2 OR discrete or orthogonal) SAME	DERWENT	
		(assign\$4 or allocat\$4 or designat\$4 or		
2	10	schedgul\$4) (ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:37
7	19	orthogonal) AND (uplink or downlink) and	US-PGPUB;	2003/03/00 11.3/
		@ad <= "19981125") and (assign\$4 or	EPO; JPO;	
		allocat\$4 or designat\$4 or schedgul\$4)	DERWENT	
		with (dynamic\$4 or variabl\$4)		
8	14	((ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:37
		orthogonal) AND (uplink or downlink) and	US-PGPUB;	
		@ad <= "19981125") and ofdm\$2 AND	EPO; JPO;	
		(ofdm\$2 OR discrete or orthogonal) SAME	DERWENT	
		(assign\$4 or allocat\$4 or designat\$4 or schedgul\$4)) and ((ofdm\$2 AND (ofdm\$2 OR		
İ		discrete or orthogonal) AND (uplink or		
		downlink) and @ad <= "19981125") and		
		(assign\$4 or allocat\$4 or designat\$4 or		
		schedgul\$4) with (dynamic\$4 or variabl\$4))		
9	10	(((ofdm\$2 AND (ofdm\$2 OR discrete or	USPAT;	2003/09/06 11:52
•		orthogonal) AND (uplink or downlink) and	US-PGPUB;	
		@ad <= "19981125") and ofdm\$2 AND (ofdm\$2 OR discrete or orthogonal) SAME	EPO; JPO; DERWENT	
ļ		(assign\$4 or allocat\$4 or designat\$4 or	DEKWENT	
		schedgul\$4)) and ((ofdm\$2 AND (ofdm\$2 OR	į	
		discrete or orthogonal) AND (uplink or		
		downlink) and @ad <= "19981125") and		
-		(assign\$4 or allocat\$4 or designat\$4 or		
!		schedgul\$4) with (dynamic\$4 or		
		variabl\$4))), and (bandwidth or capacity or		ĺ
		set or subset or group or subgroup) with (uplink or up\$1stream or downlink or		
		down\$1stream)	:	
10	17	adaptive WITH tone WITH allocation	USPAT;	2003/09/06 11:53
			US-PGPUB;	
			EPO; JPO;	
1			DERWENT	2002/00/06 11:52
11	18	adaptiv\$4 WITH tone WITH allocation	USPAT;	2003/09/06 11:53
			US-PGPUB; EPO; JPO;	
			DERWENT	
12	1	(adaptiv\$4 WITH tone WITH allocation)	USPAT;	2003/09/06 11:57
		and (adaptiv\$4 WITH tone WITH	US-PGPUB;	
		allocation) same (uplink or downlink)	EPO; JPO;	
			DERWENT	
13	9	(adaptiv\$4 WITH tone WITH allocation)	USPAT;	2003/09/06 12:13
		and @ad <= "19981125"	US-PGPUB;	
			EPO; JPO; DERWENT	
14	0	((adaptiv\$4 WITH tone WITH allocation)	USPAT;	2003/09/06 11:57
1 3		and @ad <= "19981125") and (uplink	US-PGPUB;	=======
		or downlink)	EPO; JPO;	
			DERWENT	
15	1		USPAT;	2003/09/06 11:57
		and @ad <= "19981125") and base ADJ	US-PGPUB;	
		station	EPO; JPO;	
16	2411	ofdme2 AND (cubelcarries or tops	DERWENT	2003/09/06 12:11
16	3411	ofdm\$2 AND (sub\$1carrier or tone discrete or orthogonal)	USPAT; US-PGPUB;	2003/03/06 12:11
		arsorece or orthogonary	EPO; JPO;	
			DERWENT	
_	L	l		·

	100	T / - 51 60 335 / 101	MODAM.	2003/09/06 12:13
17	100	(ofdm\$2 AND (sub\$1carrier or tone discrete or orthogonal)) and (bandwdth	USPAT; US-PGPUB;	2003/09/06 12:13
		ofdm\$2 sub\$1carrier or tone discrete or	EPO; JPO;	
		orthogonal) SAME (allocat\$4 or	DERWENT	
		adaptiv\$5) SAME (uplinc or downlink or	,	
		upstream or downstream)		
18	21	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/09/06 12:45
		discrete or orthogonal)) and (bandwdth	US-PGPUB;	
		ofdm\$2 sub\$1carrier or tone discrete or orthogonal) SAME (allocat\$4 or	EPO; JPO; DERWENT	
		adaptiv\$5) SAME (upling or downlink or	DEKWENT	
		upstream or downstream)) and @ad <=		
		"19981125"		
-	67	ofdma	USPAT;	2003/03/14 11:32
			US-PGPUB;	
			EPO; JPO; DERWENT	
_	3579	ofdm	USPAT;	2003/03/14 11:31
		, 024	US-PGPUB;	
			EPO; JPO;	
	_		DERWENT	
-	0	ofdm\$fdd	USPAT;	2003/03/13 12:02
			US-PGPUB; EPO; JPO;	
			DERWENT	
_	0	ofdm\$1fdd	USPAT;	2003/03/13 12:02
		•	US-PGPUB;	
			EPO; JPO;	
_	3613	ofdma ofdm	DERWENT USPAT;	2003/03/13 12:02
	3013	orana oran	US-PGPUB;	2003/03/13 12:02
			EPO; JPO;	
			DERWENT	.]
-	127	(ofdma ofdm) and (ofdma or fdma) WITH	USPAT;	2003/03/13 12:11
		(fdd or frequency adj division duplex\$4)	US-PGPUB; EPO; JPO;	
			DERWENT	1
_	24	((ofdma ofdm) and (ofdma or fdma) WITH	USPAT;	2003/03/13 12:12
		(fdd or frequency adj division duplex\$4))	US-PGPUB;	
		and @ad <= "19981125"	EPO; JPO;	
	326	 8and (ofdma or fdma) WITH uplink	DERWENT USPAT:	2003/03/13 12:09
	320	dand (ordina or runa) with uprink	US-PGPUB;	2003/03/13 12.09
			EPO; JPO;	
			DERWENT	
-	2	(((ofdma ofdm) and (ofdma or fdma) WITH	USPAT;	2003/03/14 11:32
		(fdd or frequency adj division duplex\$4)) and @ad <= "19981125") and (ofdma or fdma)	US-PGPUB; EPO; JPO;	
		WITH uplink	DERWENT	
-	1929	(ofdma ofdm) and (ofdma or ofdm) WITH	USPAT;	2003/03/13 12:19
		(fdd or frequency adj division duplex\$4)	US-PGPUB;	
			EPO; JPO;	
l _	654	((ofdma ofdm) and (ofdma or ofdm) WITH	DERWENT USPAT;	2003/03/13 12:20
	654	(fdd or frequency adj division duplex\$4))	US-PGPUB;	2003,03,13 12.20
		and @ad <= "19981125"	EPO; JPO;	
			DERWENT	
-	10		USPAT;	2003/03/13 12:12
		(fdd or frequency adj division duplex\$4)) and @ad <= "19981125") and (ofdma or ofdm)	US-PGPUB; EPO; JPO;	
]	WITH uplink	DERWENT	
-	17	(ofdma ofdm) and (ofdma or ofdm) WITH	USPAT;	2003/03/13 12:19
		(fdd or frequency adj division ADJ	US-PGPUB;	
		duplex\$4)	EPO; JPO;	
_	4	((ofdma ofdm) and (ofdma or ofdm) WITH	DERWENT USPAT;	2003/03/13 12:20
		(fdd or frequency adj division ADJ	US-PGPUB;	2000/03/13 12.20
	ļ i	duplex\$4)) and @ad <= "19981125"	EPO; JPO;	
			DERWENT	

-	3930	ofdm or ofd	USPAT; US-PGPUB;	2003/03/24 08:17
-	4	(ofdm or ofd) and fixed adj wireless adj loop	EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/24 08:27
-	70	(ofdm or ofd) and fixed adj wireless	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/24 08:19
-	2	((ofdm or ofd) and fixed adj wireless) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/24 08:31
-	3056	orthogonal adj frequency	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/24 08:25
-	1286	(orthogonal adj frequency) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/24 10:21
-	10618	(sub\$carrier or carrier or channel) WITH orthogonal	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:27
-	7277	((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:27
-	7994	((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:27
- '	3	(((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj wireless adj	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:31
-	19	loop (((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj (wireless or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:31
-	16	<pre>fwl) ((((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj (wireless or fwl)) not (((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj wireless adj loop)</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:31
	16	<pre>(((((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj (wireless or fwl)) not ((((orthogonal adj frequency) and @ad <= "19981125") (((sub\$carrier or carrier or channel) WITH orthogonal) and @ad <= "19981125")) and fixed adj wireless adj loop)) and @ad <= "19981125"</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:36
-	1709	wireless adj local ADJ loop	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:35
-	1	((wireless adj local ADJ loop) and wireless adj local ADJ loop SAME (ofd or ofdma or ofdm)) and @ad <= "19981125"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/03/24 08:36

	4 10:21 4 10:21 4 10:21 4 10:21 4 11:47 4 10:25
Ofdma or ofdm)	4 10:21 4 10:21 4 10:21 4 11:47 4 10:25
DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	4 10:21 4 10:21 4 10:21 4 11:47 4 10:25
- 13 ofdm\$2tdma	4 10:21 4 10:21 4 10:21 4 11:47 4 10:25
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO;	4 10:21 4 10:21 4 10:21 4 11:47 4 10:25
- 35 ofdm\$2cdma	4 10:21 4 10:21 4 11:47 4 10:25
- 35 ofdm\$2cdma	4 10:21 4 10:21 4 11:47 4 10:25
- 35 ofdm\$2cdma	4 10:21 4 10:21 4 11:47 4 10:25
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO;	4 10:21 4 10:21 4 11:47 4 10:25
- 3 ofdm\$2fdma	4 10:21 4 11:47 4 10:25
- 3 ofdm\$2fdma	4 10:21 4 11:47 4 10:25
US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; D	4 10:21 4 11:47 4 10:25
- 49 ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma	4 11:47 4 10:25
- 49 ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USP	4 11:47 4 10:25
- 49 ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma	4 11:47 4 10:25
- 14 (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125") and uplink and downlink (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125") not ((ofdm\$2tdma ofdm\$2tdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2fdma) and (ead <= "19981125") and hybrid (ofdm\$2tdma ofdm\$2fdma) and (ead <= "19981125") and hybrid)	4 11:47 4 10:25
- 14 (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125") and uplink and downlink (ead <= "19981125") and hybrid (ead <= "19981125") and uplink and downlink (ead <= "19981125") and hybrid (ead <= "19981125") and (ea	4 10:25
- 14 (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and (ead <= "19981125" USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT; USPGPUB; EPO; JPO; DERWENT USPAT;	4 10:25
- 14 (ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	4 10:25
@ad <= "19981125" Color	4 10:25
- 2 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and uplink and downlink	
- 2 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	
- 2 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and uplink and downlink USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWEN	
@ad <= "19981125") and uplink and downlink US-PGPUB; EPO; JPO; DERWENT 3 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and hybrid 10 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") not ((ofdm\$2tdma ofdm\$2fdma) uspart; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and uplink and downlink) not ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and hybrid) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT	
- 3 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	4 10.29
- 3 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	4 10.29
- 3 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	4 10.29
@ad <= "19981125") and hybrid US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT USPAT; US-PGPUB; Ofdm\$2cdma ofdm\$2fdma) and @ad <=	
- 10 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	1 10.23
- 10 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	
- 10 ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	
<pre>@ad <= "19981125") not (((ofdm\$2tdma</pre>	1 10.31
ofdm\$2cdma ofdm\$2fdma) and @ad <= EPO; JPO; "19981125") and uplink and downlink) not ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and hybrid)	4 10.51
"19981125") and uplink and downlink) not (DERWENT ((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	
((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and @ad <= "19981125") and hybrid)	
@ad <= "19981125") and hybrid)	
- 6 (((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and USPAT; 2003/03/2	4 10:33
@ad <= "19981125") not ((ofdm\$2tdma	
ofdm\$2cdma ofdm\$2fdma) and @ad <= EPO; JPO;	
"19981125") and uplink and downlink) not (DERWENT	
((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	
@ad <= "19981125") and hybrid)) and (ofdm	
or ofdma)	
- 6 ((((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) USPAT; 2003/03/2	4 11:16
and @ad <= "19981125") not (((ofdm\$2tdma US-PGPUB;	
ofdm\$2cdma ofdm\$2fdma) and @ad <= EPO; JPO;	
"19981125") and uplink and downlink) not (DERWENT	
((ofdm\$2tdma ofdm\$2cdma ofdm\$2fdma) and	
@ad <= "19981125") and hybrid)) and (ofdm	
or ofdma)) and (subset or sub\$1channel or	
sub\$1carrier or set) - 3632 ofdma or ofdm USPAT; 2003/03/2	A 11.47
- 3632 ofdma or ofdm USPAT; 2003/03/2	1 11:4/
EPO; JPO;	
DERWENT	
- 1357 (ofdma or ofdm) and @ad <= "19981125" USPAT; 2003/03/2	4 11.47
US-PGPUB;	1.7/
EPO; JPO;	
DERWENT	
- 8 ((ofdma or ofdm) and @ad <= "19981125") USPAT; 2003/03/2	A 11.52
and dynamic near2 assign\$5 US-PGPUB;	4 11.73
EPO; JPO;	4 11.55
DERWENT	4 11.55
- 1 (((ofdma or ofdm) and @ad <= "19981125") USPAT; 2003/03/2	4 11.55
and dynamic near2 assign\$5) and dynamic US-PGPUB;	
near2 assign\$5 same (sub\$1carrier or EPO; JPO;	
sub\$1channel or time adj slot) DERWENT	

Temote or subscriber and (base adj station) and (uplink or upstream) and (commink or downstream) (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream) and (commink or downstream) and (offma fdm or fdm or fdm or fdm or station) and (uplink or upstream) and (commink or downstream) and (commink or dow						
Comparison Com	-	13	((ofdma or ofdm) and @ad <= "19981125")	1	2003/03/24 11:5	53
12			and dynamic near2 allocation			- !
1						
and dynamic near2 allocation) and dynamic near2 allocation same (carrier or slot or channel or bandwidth) 115523 (wireless or cellular) and (mobile or remote or subscriber) - 28932 ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station) - 4423 (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station) and (uplink or upstream) - 3787 ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream) and (downlink or downstream) and (downlink or downstream)) and (downlink or downstream) and (downlink or downstream) and (downlink or downstream)) and (downlink or downstream)) and (downlink or downstream) and (downlink or downstream)) and (downlink or downstream) and (downlink or downstream)) and (downlink or downstream)) and (downlink or downstream) and (downlink or downstream)) and (downlink or downst	i			1	0000/00/04 11	- .
near2 allocation same (carrier or slot or carbon or channel or bandwidth)	1- 1	12	(((ofdma or ofdm) and @ad <= "19981125")		2003/03/24 11:	54
Channel or bandwidth		1	and dynamic near2 allocation) and dynamic			
115523				ł .		
Temote or subscriber US-PGPUB; EPG, JPO; DERWENT STAT; US-PGPUB; EPG, JPO; DERWENT USPAT; U			channel or bandwidth)	l .	0000/00/05 07./	0.1
28932 ((wireless or cellular) and (mobile or memote or subscriber)) and (base adj station) 2003/09/05 07: 2003/09/05 07: 200	-	115523			2003/09/05 07:0	OT
28932 ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station) SPAT; USPAT; USP			remote or subscriber)	· ·		
-		1				
remote or subscriber)) and (base adj station) 4423 (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)		00000	// 'l		2003/09/05 07:0	Ω1
Station	-	28932	((Wireless of Cellular) and (mobile of		2003/03/03 07.0	V ±
4423						
4423	1		Station			
remote or subscriber) and (base add) ((((wireless or cellular) and (mobile or remote or subscriber) and (base add) ((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) (((((((wireless or cellular) and (mobile or remote or subscriber)) and (part) (((((((wireless or cellular) and (mobile or remote or subscriber)) and (base add) ((((((wireless or cellular) and (mobile or remote or upstream)) and (downlink or downstream)) (((((((wireless or cellular) and (mobile or remote or upstream)) and (part) (((((((wireless or cellular) and (mobile or remote or upstream)) and (downlink or downstream)) (((((((wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber)) (((((((wireless or cellular) and (wireless or cellular	1_ 1	1123	(() wireless or cellular) and (mobile or		2003/09/05 07:0	03
Station) and (uplink or upstream)	-	1123		· ·		-
Comparison Com						
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remote or subscriber)) and (base adj station)) and (uplink or upstream) and (downlink or downstream) and (downlink or downstream) and (downlink or downstream)) and (downlink or downstream)) and (downlink or downstream)) and (offma fdm or fdm or fdm) (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (downlink or downstream)) and (downlink or downstream)) and (downlink or downstream)) and (offma) ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (offma) and (downlink or downstream)) and (offma) and (downlink or downstream)) and (offma fdm or fdm or fdm) and (aplink or upstream)) and (downlink or downstream)) and (downlink or downstream)) and (offma fdm or fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (downlink or downstream)) and (downlink or downstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (downlink or downstream)) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (offma fdm or fdm) and (aplink or upstream)) and (aplink or upstream)) and (aplink or upstream) and (aplink or upstream)) and (aplink or upstream) and (a	_	3787	((((wireless or cellular) and (mobile or		2003/09/05 07:0	03
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Compliant or downstream) and (ofdma)			remote or subscriber)) and (base ad)			
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<pre>(mobile or remote or subscriber)) and (base adj station)) and (uplink or</pre>	-	3		USPAT;	2003/09/04 16:5	56
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- 115523 (wireless or cellular) and (wireless or USPAT; cellular) and (mobile or remote or subscriber) US-PGPUB; EPO; JPO; DERWENT US-PGPUB; EPO; JPO; DERWENT US-PGPUB; Cellular) and (wireless or USPAT; Cellular) and (mobile or remote or USPAT; US-PGPUB; US-PGPUB;	-	329179	wireless or cellular		2003/09/05 07:0	UÜ
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cellular) and (mobile or remote or US-PGPUB;	-	28932	((wireless or cellular) and (wireless or	•	2003/09/05 07:0	02
			subscriber)) and ((wireless or cellular)			
and (mobile or remote or subscriber)) and DERWENT				DERWENT		
(base adj station)			(base adj station)	<u> </u>	<u> </u>	

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		·	EPO; JPO;	
		<pre>subscriber)) and ((wireless or cellular) and (mobile or remote or subscriber)) and</pre>	DERWENT	
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		•	US-PGPUB;	
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
		(base adj station)) and (((wireless or	Í	•
		cellular) and (mobile or remote or	ŀ	
		subscriber)) and (base adj station)) and		
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-	3787	((((wireless or cellular) and (wireless	USPAT;	2003/09/05 07:04
ļ		or cellular) and (mobile or remote or	US-PGPUB;	
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
		(base adj station)) and (((wireless or		
		cellular) and (mobile or remote or		
		subscriber)) and (base adj station)) and		
		(uplink or upstream)) and ((((wireless or		
		cellular) and (mobile or remote or	l	
		subscriber)) and (base adj station)) and		
		(uplink or upstream)) and (downlink or		
		downstream)		
-	1166	(((((wireless or cellular) and (wireless	USPAT;	2003/09/05 10:25
		or cellular) and (mobile or remote or	US-PGPUB;	
		subscriber)) and ((wireless or cellular)	EPO; JPO;	
		and (mobile or remote or subscriber)) and	DERWENT	
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		cellular) and (mobile or remote or		
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		downstream)) and (ofdma fdm or fdma or		
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-	1069	· · · · · · · · · · · · · · · · · · ·	USPAT;	2003/09/05 07:16
-	1069	fdd)	USPAT; US-PGPUB;	2003/09/05 07:16
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-	1069	<pre>fdd) ((((((wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber)) and ((wireless or cellular) and (mobile or remote or</pre>	US-PGPUB; EPO; JPO;	2003/09/05 07:16
_	1069	<pre>fdd) ((((((wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber)) and ((wireless or</pre>	US-PGPUB; EPO; JPO;	2003/09/05 07:16
-	1069	<pre>fdd) ((((((wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber)) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and</pre>	US-PGPUB; EPO; JPO;	2003/09/05 07:16
-	1069	<pre>fdd) (((((((wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber)) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or</pre>	US-PGPUB; EPO; JPO;	2003/09/05 07:16
-	1069	<pre>fdd) (((((((wireless or cellular) and (wireless or cellular) and (mobile or remote or subscriber)) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj</pre>	US-PGPUB; EPO; JPO;	2003/09/05 07:16
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wireless or cellular) and (mobile or remote or subscriber)) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or	_	678	(((((((wireless or cellular) and (USPAT:	2003/09/05 10:26
remote or subscriber)) and ((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or	- ,	0,0			
cellular) and (mobile or remote or subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone)) SAME ((uplink or	•				
<pre>subscriber)) and (base adj station)) and (((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or</pre>					
<pre>(((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or</pre>				BERWEIT	
remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and ((downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					
station)) and (uplink or upstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or				1	
<pre>((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and ((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or</pre>					
remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					
station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or	į				
<pre>(downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or</pre>				1	
wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					
remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					1
station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or				1	1
(downlink or downstream)) and (ofdma fdm or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					
or fdma or fdd)) and. (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					1
allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					
or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or					
or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or			allocat\$5 or designat\$4)) and (assign\$4		
or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or]	
or frequenc\$4 or tone) SAME ((uplink or]	
				1	
upstream) or (downlink or downstream))				Ī	1

Page 7

•				
_	437	((((((((wireless or cellular) and (USPAT;	2003/09/05 07:21
		wireless or cellular) and (mobile or	US-PGPUB;	
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
		subscriber)) and (base adj station)) and		
		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
1				
		((((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
1		station)) and (uplink or upstream)) and		
.	•	(downlink or downstream)) and ((((
1		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		1
		or fdma or fdd)) and (assign\$4 or		
		allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)) and (carrier		
		or frequenc\$4 or tone) SAME ((uplink or		
		upstream) or (downlink or downstream)))		
		and (assign\$4 or allocat\$5 or designat\$5)	•	
		same (carrier or frequenc\$4 or tone)		
		SAME ((uplink or upstream) or (downlink		
		or downstream))		
	131	(((((((((wireless or cellular) and (HODAM.	2003/09/05 07:38
-	131		USPAT;	2003/09/03 07:38
		wireless or cellular) and (mobile or	US-PGPUB;	
	·	remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
		subscriber)) and (base adj station)) and		}
		(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or	1	
1				
1		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		station)) and (uplink or upstream)) and (downlink or downstream)) and ((((
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream)))		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5)		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or upstream)) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone)		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or upstream) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone)		
		station)) and (uplink or upstream)) and (downlink or downstream)) and (((((wireless or cellular) and (mobile or remote or subscriber)) and (base adj station)) and (uplink or upstream)) and (downlink or downstream)) and (ofdma fdm or fdma or fdd)) and (assign\$4 or allocat\$5 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (carrier or frequenc\$4 or tone)) and (carrier or frequenc\$4 or tone) SAME ((uplink or upstream)) or (downlink or downstream))) and (assign\$4 or allocat\$5 or designat\$5) same (carrier or frequenc\$4 or tone)		

	77	((((((((((wireless or cellular) and (USPAT;	2003/09/05 07:39
		wireless or cellular) and (mobile or	US-PGPUB;	
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	
		subscriber)) and (base adj station)) and	32121.1	
	1	(((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
	l	station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or		
}	1	, , , , ,		1
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		1
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		
1		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and (assign\$4 or		
1	1	allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)) and (carrier		.
	1	or frequenc\$4 or tone) SAME ((uplink or	1]
		upstream) or (downlink or downstream)))	1	1
		and (assign\$4 or allocat\$5 or designat\$5)		
		same (carrier or frequenc\$4 or tone)		
1		SAME ((uplink or upstream) or (downlink		· .
		or downstream))) and (assign\$4 or		
	l	allocat\$5 or designat\$4) near2 dynamic\$5)		·
		and ((assign\$4 or allocat\$5 or designat\$4)]
		near2 dynamic\$5) SAME (time or	1	1
		time\$1slot\$4 or tdd or tdm or tdma)	1	
-	36	(((((((((((wireless or cellular) and (USPAT;	2003/09/05 09:19
		wireless or cellular) and (mobile or	US-PGPUB;	1
		remote or subscriber)) and ((wireless or	EPO; JPO;	
1		cellular) and (mobile or remote or	DERWENT	
] :	subscriber)) and (base adj station)) and	ł	ļ
		(((wireless or cellular) and (mobile or		l i
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
į		((((wireless or cellular) and (mobile or]
		remote or subscriber)) and (base adj		į į
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		
1		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
]	(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and (assign\$4 or		
	ľ	allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)) and (carrier		
		or frequenc\$4 or tone) SAME ((uplink or		
		upstream) or (downlink or downstream)))		
[and (assign\$4 or allocat\$5 or designat\$5)		
		same (carrier or frequenc\$4 or tone)		
		SAME ((uplink or upstream) or (downlink		
		or downstream))) and (assign\$4 or		
		allocat\$5 or designat\$4) near2 dynamic\$5)		
		and ((assign\$4 or allocat\$5 or designat\$4)		
.		near2 dynamic\$5) SAME (time or		
		time\$1slot\$4 or tdd or tdm or tdma)) and		
		@ad <= "19981125"		
	<u> </u>		L	l

Page 9

			·-	1
-	4	(((((((((wireless or cellular) and (USPAT;	2003/09/05 07:48
,		wireless or cellular) and (mobile or	US-PGPUB;	
· ·		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	[
		subscriber)) and (base adj station)) and		
		(((wireless or cellular) and (mobile or	, ,	1
		remote or subscriber)) and (base adj	İ	1
		station)) and (uplink or upstream)) and		
		((((wireless or cellular) and (mobile or	<u> </u>	
	•	remote or subscriber)) and (base adj		.
	*	station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((İ	
		wireless or cellular) and (mobile or		·
		remote or subscriber)) and (base adj		
	}	station)) and (uplink or upstream)) and		.
		(downlink or downstream)) and (ofdma fdm		
		or fdma or fdd)) and (assign\$4 or		
		allocat\$5 or designat\$4)) and (assign\$4		
		or allocat\$5 or designat\$4) SAME (carrier		
		or frequenc\$4 or tone)) and (carrier		
		or frequenc\$4 or tone) SAME ((uplink or		
		upstream) or (downlink or downstream)))		
		and (assign\$4 or allocat\$5 or designat\$5)		
		same (carrier or frequenc\$4 or tone)]
		SAME ((uplink or upstream) or (downlink		
	1	or downstream))) and (fwl or fixed adj2	1	, ,
		loop)	HODAM.	2003/09/05 09:27
-	11	(((((((((((((wireless or cellular)	USPAT;	2003/09/05 08:27
		and (wireless or cellular) and (mobile or	US-PGPUB;	1
		remote or subscriber)) and ((wireless or	EPO; JPO;	
		cellular) and (mobile or remote or	DERWENT	j
		subscriber)) and (base adj station)) and	1	j
1		(((wireless or cellular) and (mobile or		
1		remote or subscriber)) and (base adj		
1.		station)) and (uplink or upstream)) and		
1		((((wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
		station)) and (uplink or upstream)) and		
		(downlink or downstream)) and ((((
		wireless or cellular) and (mobile or		
		remote or subscriber)) and (base adj		
	1	station)) and (uplink or upstream)) and		
		(downlink or downstream)) and (ofdma fdm		
1	1	or fdma or fdd)) and (assign\$4 or		
1	1	allocat\$5 or designat\$4)) and (assign\$4		·
		or allocat\$5 or designat\$4) SAME (carrier]	
		or frequenc\$4 or tone)) and (carrier	1	
	1.	or frequenc\$4 or tone) SAME ((uplink or	i	
	1	upstream) or (downlink or downstream)))		. [
	1	and (assign\$4 or allocat\$5 or designat\$5)		
		same (carrier or frequenc\$4 or tone)	l '	
		SAME ((uplink or upstream) or (downlink		
		or downstream))) and (assign\$4 or		
		allocat\$5 or designat\$4) near2 dynamic\$5)		
		and ((assign\$4 or allocat\$5 or designat\$4)		
]
		near2 dynamic\$5) SAME (time or		
	1	time\$1slot\$4 or tdd or tdm or tdma)) and		
		@ad <= "19981125") and (orthogonal\$\$)	HCDAM.	3003/00/05 00:13
-	43	ofdma.ab.	USPAT;	2003/09/05 09:17
	[US-PGPUB;	
			EPO; JPO;	
			DERWENT	0000/00/05
_	0	(ofdma.ab. and (uplink or upstream)	USPAT;	2003/09/05 11:01
		and (downlink or downstream)) and @ad	US-PGPUB;	
		<= "19981125"	EPO; JPO;	
			DERWENT	
_	8	ofdma.ab. and (uplink or upstream) and	USPAT;	2003/09/05 09:30
		(downlink or downstream)	US-PGPUB;	
	1	·	EPO; JPO;	
			DERWENT	j l
-	15630	fixed adj2 (wireless or radio or unit or	USPAT;	2003/09/05 10:24
		mobile or loop)	US-PGPUB	
1	L			L

	27371	fixed adj2 (wireless or radio or unit or mobile or loop)	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 10:25
- .	178	(fixed adj2 (wireless or radio or unit or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 10:25
-	407141	((fixed adj2 (wireless or radio or unit or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 10:27
-	67	or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:08
_	10	or mobile or loop)) and orthogonal adj2	DERWENT USPAT; US-PGPUB;	2003/09/05 11:08
	. 7	(frequency or tone or carrier)) and (uplink or upstream) AND (downlink or downstream)) and @ad <= "19981125" (((fixed adj2 (wireless or radio or	EPO; JPO; DERWENT	2003/09/05 11:16
	. ,	unit or mobile or loop)) and orthogonal adj2 (frequency or tone or carrier)) and (uplink or upstream) AND (downlink or downstream)) and @ad <= "19981125") and ofdm\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	
-	17	ofdm\$2 with fdd	USPAT; US-PGPUB	2003/09/05 11:01
_	2	(ofdm\$2 with fdd) and @ad <= "19981125"	US-PGPUB USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:21
-	6	ofdma with fdd	USPAT; US-PGPUB	2003/09/05 11:03
-	22	fixed adj wireless adj loop	USPAT; US-PGPUB	2003/09/05 11:03
_	13	(fixed adj wireless adj loop) and (orthogonal\$5 or ofdm\$2)	USPAT; US-PGPUB	2003/09/05 11:04
_	11	((fixed adj wireless adj loop) and (orthogonal\$5 or ofdm\$2)) and @ad <= "19981125"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:05
-	. 18	fdd/tdm\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:05
_	13	fdd/tdm\$2 and @ad <= "19981125"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:07
-	80	fdma with fdd	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:08
_	6	((fdma with fdd) and (uplink or upstream) AND (downlink or downstream)) and @ad <= "19981125"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:14
-	27	(fdma with fdd) and (uplink or upstream) AND (downlink or downstream)	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:41
-	1	((((US-5933421-\$).did.) and (downlink or downstream)) and ofdm\$1) and (uplink or upstream) AND (downlink or downstream)	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 11:21
			P T T T T T T T T T T T T T T T T T T T	

-	33	ofdma\$2 and (uplink or upstream) AND (downlink or downstream)	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 11:21
-	1	(ofdma\$2 and (uplink or upstream) AND (downlink or downstream)) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 12:14
	. 0	dynamic near2 (allocat\$4 or assign\$7 or designat\$4) with (ofdm\$1 or orthogonal adj	DERWENT USPAT	2003/09/05 21:46
-	4076	tone) same (uplink or downlink) dynamic near2 (allocat\$4 or assign\$7 or	USPAT	2003/09/05 22:20
-	. 37	<pre>designat\$4) (dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (ofdm\$1 or orthogonal</pre>	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 21:48
-	26	adj tone) ((dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (ofdm\$1 or orthogonal adj tone)) and (assign\$4 or allocat\$5 or designat\$4) SAME ((uplink or	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 21:49
-	7	upstream) or (downlink or downstream)) (((dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and (assign\$4 or allocat\$5 or designat\$4) SAME (ofdm\$1 or orthogonal adj tone)) and (assign\$4 or allocat\$5 or designat\$4) SAME ((uplink or upstream) or (downlink or downstream)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 22:43
-	3	and @ad <= "19981125" (dynamic near2 (allocat\$4 or assign\$7 or designat\$4)) and dynamic near2 (allocat\$4 or assign\$7 or designat\$4) WITH	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:01
_	481	ofdm\$1.clm.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:14
_	11	ofdm\$1.clm. and (dynamic\$ or variable) and uplink and downlink.clm.	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:20
-	807 4571	ofdm\$2 ofdm\$2	DERWENT USPAT; USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:40 2003/09/05 22:40
-	99	ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:51
_	56	orthogonal) with (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/05 22:49
-	5	slot) ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) with (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj	USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:49
-	146	slot)) and @ad <= "19981125" ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:48
-	81	(ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj	DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/09/05 22:49
-	11	slot) ((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time adj slot)) and @ad <= "19981125"	DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/06 11:15
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-	11 (((ofdm\$2 AND (ofdm\$2 discrete or orthogonal) SAME (uplink or downlink)) AND (tdma ot tdm ot time\$1slot or time ad slot)) and @ad <= "19981125") and		or downlink)) slot or time adj		2003/09/05	22:52
		ink or downlink)	1125 / diid	DERWEIVI		